Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035329.D
Acq On : 22 Apr 2024 13:43
Operator : SY/MD
Sample : P2182-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 23 00:30:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.535	114	157437	50.000 ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137312	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50273	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.278	65	50286	33.073 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.140%		
7) Chloroethane-d5	1.532	69	66804	50.586 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.180%		
11) 1,1-Dichloroethene-d2	2.060	65	18749	28.131 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.260%#		
21) 2-Butanone-d5	3.902	46	6785m	7.524 ug/L	0.12
Spiked Amount 100.000	Range 40 - 130		Recovery = 7.520%#		
24) Chloroform-d	4.249	84	180584	70.641 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.280%#		
26) 1,2-Dichloroethane-d4	4.941	65	148337	91.395 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 182.800%#		
32) Benzene-d6	4.960	84	261897	56.781 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.560%		
36) 1,2-Dichloropropane-d6	5.989	67	121025	82.630 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 165.260%#		
41) Toluene-d8	7.246	98	144257	34.729 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.460%#		
43) trans-1,3-Dichloroprop...	7.555	79	37882	53.202 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.400%		
47) 2-Hexanone-d5	8.030	63	44632	80.598 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.600%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	219998	109.075 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 218.160%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	62398	55.281 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.560%		
Target Compounds					Qvalue
13) Acetone	2.124	43	26505	32.016 ug/L	96
51) Chlorobenzene	8.821	112	8304	2.733 ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	7589	4.406 ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	7623	4.518 ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	4987	4.448 ug/L	95
72) 1,2,3-Trichlorobenzene	13.689	180	2118m	1.916 ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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